

**Autumnwood ESH Consultants, LLC**

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Mount Pleasant, Wisconsin 53403
Phone: 262.237.1130

9 August 2013

Mr. John Nordine
U.S. EPA Region 5
RCRA Enforcement and Compliance Assurance Branch (LU-9J)
77 West Jackson Boulevard
Chicago, Illinois 60604

Re: Central Wire, Union, Illinois Monthly Progress Report for July 2013

Dear Mr. Nordine:

Enclosed please find the Monthly Progress Report for the Central Wire facility located in Union, Illinois for the month of July 2013.

The eDMR for the groundwater pump and treat facility for July 2013 and the groundwater elevation data for monitoring well DGW-2I are also included in this report.

If you have any comments or questions regarding the progress of this project, please do not hesitate to call me at (262) 237-1130.

Sincerely,
Autumnwood ESH Consultants, LLC

John W. Thorsen, P.E.

JWT:jt

encl

cc:	Joyce Munie	IEPA
	Robert Kay	USGS
	Gerald W. Ruopp	Central Wire
	Henry Lopes	Central Wire
	Robert Johnson	Central Wire

MONTHLY PROGRESS REPORT
Central Wire Union, Illinois Site
July 2013

1. **Progress Made This Reporting Period** – This reporting period Central Wire continued the operation and maintenance of the groundwater extraction and treatment system. Central Wire treated an average of 640,000 gallons per day and met effluent limitations for pH; 1,1,1-TCA; TCE and PCE.

The electronic Discharge Monitoring Report (eDMR) for July 2013 is attached to this report.

The groundwater level monitoring data from downgradient monitoring well DGW-2I is currently being collected for 2013. Over the course of the month the water table generally went down 2.019 ft. from the high point which occurred early in the month to the low occurring at the end of the month. On 7/1/2013 [Ex. 6 PP / Ex. 7(C)] installed the pump motor on the [Ex. 6 PP / Ex. 7(C)] irrigation well to use the irrigation system to water the cash crops now being grown on that land.

[Ex. 6 PP / Ex. 7(C)] utilized the [Ex. 6 PP / Ex. 7(C)] well for 73 hours and the [Ex. 6 PP / Ex. 7(C)] well for 126 hours in July 2013 as shown in the table below

Summary of July 2013 Irrigation at [Ex. 6 PP / Ex. 7(C)]

Date of Hour Meter Reading	[Ex. 6 PP / Ex. 7(C)] Pump		[Ex. 6 PP / Ex. 7(C)] Pump	
	Hour Meter Reading	Hours Pumped	Hour Meter Reading	Hours Pumped
7/1/2013	4754	0	2769	0
7/8/2013	4754	0	2783	14
7/15/2013	4773	19	2803	20
7/22/2013	4880	107	2820	17
7/29/2013	4880	0	2831	11
8/6/2013	4880	0	2842	11
Totals		126		73

The groundwater elevation recorded data is in a file attached to this report. It provides the groundwater elevations reported in feet above mean sea level and the precipitation that occurred on that day. At the bottom of that file is a graph showing the changes in groundwater elevations over the month, precipitation by week and in what week the Central Sod irrigation pumps were used (hours of use).

On June 10 & 11 the semiannual RCRA groundwater well and residential well sampling event took place. Graphs of the trends of chlorinated solvents in those well that exceed the MCL will be provided with the August Monthly report.

2. **Summary of Validated Data and Results** – RCRA groundwater monitoring well and residential well samples were collected and the validated results will be included with the updated trend graphs in the August monthly progress report.
3. **Upcoming Events/Activities Planned** – The existing remediation systems will continue to operate as planned.
4. **Anticipated Problem Areas and Recommended Solutions** – None.
5. **Key Personnel Changes** – None.
6. **Target and Actual Completion Dates** – This project has not deviated from the project schedule.